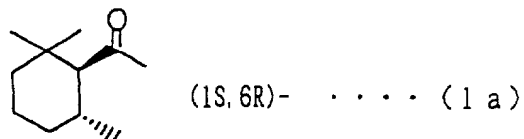
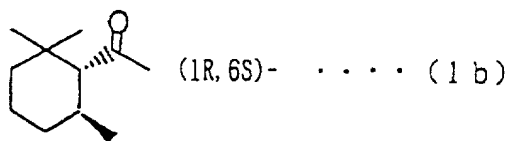


ABSTRACT OF THE DISCLOSURE

Trans-2,2,6-trimethylcyclohexyl methyl ketone,
including (1S,6R)-2,2,6-trimethylcyclohexyl methyl ketone
represented by the formula (1a):



and (1R,6S)-2,2,6-trimethylcyclohexyl methyl ketone
represented by the formula (1b):



are useful components in a perfume composition. A process
for producing the same is also described. A unique
eucalyptus, mint-like and white floral perfume material is
provided using the ketone compounds disclosed in the
present invention. The process of the present invention
produces the optically active ketone compounds having
optical purity up to at least 98.0% e.e.